| Issue | Classification |
|-------|----------------|
|       |                |

| Application/Contr | Applicant(s)/Patent ( | under |
|-------------------|-----------------------|-------|
| 10/516,493        | MOON ET AL.           |       |
| Examiner          | Art Unit              |       |
| Fazli Erdem       | 2826                  |       |

|                         | -                                 | IS               | SUE C                             | LASSIF             | ICATI             | ON                    |                    |       |   |  |  |  |  |
|-------------------------|-----------------------------------|------------------|-----------------------------------|--------------------|-------------------|-----------------------|--------------------|-------|---|--|--|--|--|
| 0                       | RIGINAL                           |                  | CROSS REFERENCE(S)                |                    |                   |                       |                    |       |   |  |  |  |  |
| CLASS                   | SUBCLASS                          | CLASS            | SUBCLASS (ONE SUBCLASS PER BLOCK) |                    |                   |                       |                    |       |   |  |  |  |  |
| 257                     | 499                               | 257              | 310                               | 520                | 632               | 1728                  | F21.261            | E2124 | 3 |  |  |  |  |
| INTERNATION             | IAL CLASSIFICATION                | 524              | 588                               | اکا                | 57                | 2.8                   |                    |       |   |  |  |  |  |
| HOIL                    | 2(13)                             | 528              | 10                                | 32_                | 38                |                       |                    |       |   |  |  |  |  |
|                         | 1                                 |                  |                                   |                    |                   |                       |                    |       |   |  |  |  |  |
|                         | 1                                 |                  |                                   |                    |                   |                       |                    |       |   |  |  |  |  |
|                         | 1                                 |                  |                                   |                    |                   |                       |                    |       |   |  |  |  |  |
|                         | 1                                 |                  |                                   |                    |                   |                       |                    |       |   |  |  |  |  |
| FAZU<br>(Apolis         | PRPFIX 10/11 pant-Examiner) (Date | /s/ <del>_</del> | $\leq$                            | M.                 | /0                | Total Claims Allowed: |                    |       |   |  |  |  |  |
| Olive Jo<br>(Legal Inst |                                   | A)G<br>(Date)    | SUPER                             | SUE A.<br>YISQRY R | PURVIS<br>ATENT E | O<br>Print C          | O.G.<br>Print Fig. |       |   |  |  |  |  |

| Claims renumbered in the same order as presented by applicant |          |  |       |          |   |       |          |          | ☐ CPA |          |  | ☐ T.D. |          |  | ☐ R.1.47 |          |   |       |          |
|---|----------|--|-------|----------|---|-------|----------|----------|-------|----------|--|--------|----------|--|----------|----------|---|-------|----------|
| Final   | Original |  | Final | Original |   | Final | Original |          | Final | Original |  | Final  | Original |  | Final    | Original |   | Final | Original |
|   | 1        |  |       | 31       |   |       | 61       |          |       | 91       |  |        | 121      |  |          | 151      | ] |       | 181      |
| 2   | 2        |  |       | 32       | ] |       | 62       | <b>]</b> |       | 92       |  |        | 122      |  |          | 152      |   |       | 182      |
|   | 3        |  |       | 33       |   |       | 63       | ]        |       | 93       |  |        | 123      |  |          | 153      |   |       | 183      |
| 3   | 4        |  |       | 34       |   |       | 64       |          |       | 94       |  |        | 124      |  |          | 154      |   |       | 184      |
| 4   | 5        |  |       | 35       | ] |       | 65       | ]        |       | 95       |  | ,      | 125      |  |          | 155      |   |       | 185      |
| <u></u>   | 6        |  |       | 36       |   |       | 66       |          |       | 96       |  | _      | 126      |  |          | 156      |   |       | 186      |
| ١   | 7        |  |       | 37       |   |       | 67       |          |       | 97       |  |        | 127      |  |          | 157      |   |       | 187      |
| <u>6</u>  | 8        |  |       | 38       | ] |       | 68       |          |       | 98       |  |        | 128      |  |          | 158      |   |       | 188      |
| 7   | 9        |  |       | 39       |   |       | 69       |          |       | 99       |  |        | 129      |  |          | 159      |   |       | 189      |
| L   | 10       |  |       | 40       |   |       | 70       |          |       | 100      |  |        | 130      |  |          | 160      |   |       | 190      |
|   | 11       |  |       | 41       |   |       | 71       |          |       | 101      |  |        | 131      |  |          | 161      |   |       | 191      |
| ·   | 12       |  |       | 42       |   |       | 72       |          |       | 102      |  |        | 132      |  |          | 162      |   |       | 192      |
|   | 13       |  |       | 43       |   |       | 73       |          |       | 103      |  |        | 133      |  |          | 163      |   |       | 193      |
|   | 14       |  |       | 44       |   |       | 74       |          |       | 104      |  |        | 134      |  |          | 164      |   |       | 194      |
|   | 15       |  |       | 45       |   |       | 75       |          |       | 105      |  |        | 135      |  |          | 165、     |   |       | 195      |
|   | 16       |  |       | 46       |   |       | 76       |          | Ĺ     | 106      |  |        | 136      |  |          | 166      |   |       | 196      |
|   | 17       |  |       | 47       |   |       | 77       |          |       | 107      |  |        | 137      |  |          | 167      |   |       | 197      |
|   | 18       |  |       | 48       |   |       | 78       |          |       | 108      |  |        | 138      |  |          | 168      |   |       | 198      |
|   | 19       |  |       | 49       |   |       | 79       |          |       | 109      |  |        | 139      |  |          | 169      |   |       | 199      |
|   | 20       |  |       | 50       |   |       | 80       |          |       | 110      |  |        | 140      |  |          | 170      |   |       | 200      |
| <u></u>   | 21       |  |       | 51       |   |       | 81       |          |       | 111      |  |        | 141      |  |          | 171      |   |       | 201      |
| $\square$   | 22       |  | ·     | 52       |   |       | 82       |          |       | 112      |  |        | 142      |  |          | 172      |   |       | 202      |
|   | 23       |  |       | 53       |   |       | 83       |          |       | 113      |  |        | 143      |  |          | 173      |   |       | 203      |
|   | 24       |  |       | 54       |   |       | 84       |          |       | 114      |  |        | 144      |  |          | 174      |   |       | 204      |
|   | 25       |  |       | 55       | l |       | 85       |          |       | 115      |  |        | 145      |  |          | 175      |   |       | 205      |
|   | 26       |  |       | 56       | ļ |       | 86       |          |       | 116      |  |        | 146      |  |          | 176      |   |       | 206      |
|   | 27       |  |       | 57       |   |       | 87       |          |       | 117      |  |        | 147      |  |          | 177      |   |       | 207      |
|   | 28       |  |       | 58       |   |       | 88       |          |       | 118      |  |        | 148      |  |          | 178      |   |       | 208      |
|   | _29 .    |  |       | 59       |   |       | 89       |          |       | 119      |  |        | 149      |  |          | 179      |   |       | 209      |
|   | 30       |  |       | 60       |   |       | 90       |          |       | 120      |  |        | 150      |  |          | 180      |   |       | 210      |